

Refine Search

Search Results -

Terms	Documents
L5 "dipalmitoyl phosphatidyl choline"	7

Database:

US Pre-Grant Publication Full-Text Database
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 US OCR Full-Text Database
 EPO Abstracts Database
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 Derwent World Patents Index
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Search:

L6

Refine Search

Recall Text

Clear

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Search History

DATE: Thursday, June 10, 2004 [Printable Copy](#) [Create Case](#)

<u>Set</u> <u>Name</u>	<u>Query</u>	<u>Hit</u> <u>Count</u>	<u>Set</u> <u>Name</u> result set
side by side			
<i>DB=USPT; PLUR=YES; OP=AND</i>			
<u>L1</u>	5698537\$.did.	1	<u>L1</u>
<u>L2</u>	6482391\$.did.	1	<u>L2</u>
<i>DB=PGPB,USPT,USOC,EPAB,JPAB,DWPI; PLUR=YES; OP=AND</i>			
<u>L3</u>	phospholipid "dry powder" "phosphatidyl cholines" ("phosphatidyl glycerols" or "phosphatidyl ethanolamine" or "phosphatidyl serine" or "phosphatidyl inositol")	200	<u>L3</u>
<u>L4</u>	L3 (inhalation or inhale) lung	79	<u>L4</u>
<u>L5</u>	(asthma or anti-asthma or respiratory) L4	73	<u>L5</u>
<u>L6</u>	L5 "dipalmitoyl phosphatidyl choline"	7	<u>L6</u>

END OF SEARCH HISTORY

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NEWS	4	JAN 27	A new search aid, the Company Name Thesaurus, available in CA/CAPLUS
NEWS	5	FEB 05	German (DE) application and patent publication number format changes
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NEWS	7	MAR 03	MEDLINE file segment of TOXCENTER reloaded
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NEWS	9	MAR 29	Pharmaceutical Substances (PS) now available on STN
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NEWS	11	MAR 29	New monthly current-awareness alert (SDI) frequency in RAPRA
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NEWS	13	APR 26	IFIPAT/IFIUDB/IFICDB: New super search and display field available
NEWS	14	APR 26	LITALERT now available on STN
NEWS	15	APR 27	NLDB: New search and display fields available
NEWS	16	May 10	PROUSDDR now available on STN
NEWS	17	May 19	PROUSDDR: One FREE connect hour, per account, in both May and June 2004
NEWS	18	May 12	EXTEND option available in structure searching
NEWS	19	May 12	Polymer links for the POLYLINK command completed in REGISTRY
NEWS	20	May 17	FRFULL now available on STN
NEWS	21	May 27	STN User Update to be held June 7 and June 8 at the SLA 2004 Conference
NEWS	22	May 27	New UPM (Update Code Maximum) field for more efficient patent SDIs in CAPLUS
NEWS	23	May 27	CAPLUS super roles and document types searchable in REGISTRY
NEWS	24	May 27	Explore APOLLIT with free connect time in June 2004
NEWS EXPRESS			MARCH 31 CURRENT WINDOWS VERSION IS V7.00A, CURRENT MACINTOSH VERSION IS V6.0c(ENG) AND V6.0Jc(JP), AND CURRENT DISCOVER FILE IS DATED 26 APRIL 2004
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NEWS INTER			General Internet Information
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NEWS WWW			CAS World Wide Web Site (general information)

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FULL ESTIMATED COST	0.21	0.21

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=> FIL HOME

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	0.06	0.27

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=> file caplus medline

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	0.21	0.48

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=>

=> s phosphatidyl phospholipid inhalation
L1 0 PHOSPHATIDYL PHOSPHOLIPID INHALATION

=> s phospholipid and inhalation
L2 591 PHOSPHOLIPID AND INHALATION

=> s l2 and phosphatidyl
L3 4 L2 AND PHOSPHATIDYL

=> d l3 all

L3 ANSWER 1 OF 4 CAPLUS COPYRIGHT 2004 ACS on STN
AN 1975:11883 CAPLUS
DN 82:11883
ED Entered STN: 12 May 1984
TI Effect of sulfur dioxide **inhalation** on the formation of
phospholipids in the lung
AU Seto, Katsuo; Ishida, Shiro; Imamiya, Tomo; Kawakami, Masazumi; Sugita,
Kido; Shishido, Masao
CS Sch. Med., Yokohama City Univ., Yokohama, Japan
SO Igaku to Seibutsugaku (1974), 88(1), 55-8
CODEN: IGSBAL; ISSN: 0019-1604
DT Journal
LA Japanese
CC 4-3 (Toxicology)

AB **Inhalation** of SO2 [7446-09-5] (1 ppm, 1-3 hr/day for 2 weeks) by rabbits decreased the liogenic activity in lung slices, especially the incorporation of acetate-14C into sphingomyelin, lecithin, **phosphatidyl** inositol, **phosphatidyl** serine and **phosphatidyl** ethanolamine fractions.

ST lipid formation lung sulfur dioxide; **phospholipid** formation lung sulfur dioxide

IT Lipids
RL: FORM (Formation, nonpreparative)
(formation of, by lung, sulfur dioxide inhibition of)

IT Lung, metabolism
(lipids formation by, sulfur dioxide inhibition of)

IT 7446-09-5, biological studies
RL: BIOL (Biological study)
(lipids formation by lung in response to)

=> d l3 all 2-3

L3 ANSWER 2 OF 4 MEDLINE on STN
AN 2002438359 MEDLINE
DN PubMed ID: 12195820
TI Lung surfactant **phospholipids** inhibit the uptake of respirable microspheres by the alveolar macrophage NR8383.
AU Jones B G; Dickinson P A; Gumbleton M; Kellaway I W
CS Welsh School of Pharmacy, Cardiff University, Cardiff, CF10 3XF, UK.
SO Journal of pharmacy and pharmacology, (2002 Aug) 54 (8) 1065-72.
Journal code: 0376363. ISSN: 0022-3573.
CY England: United Kingdom
DT Journal; Article; (JOURNAL ARTICLE)
LA English
FS Priority Journals
EM 200303
ED Entered STN: 20020829
Last Updated on STN: 20030319
Entered Medline: 20030318

AB Fluorescent poly(lactic-co-glycolic acid) microspheres of a respirable size were fabricated for use in a fluorescent activated cell sorting assay utilizing the continuous alveolar macrophage NR8383. This is a suitable model of alveolar phagocytosis, which permitted an investigation of the influence of **phospholipid** structure on the inhibition of phagocytosis of microspheres. **Phospholipid** inhibition was found to be independent of phosphatidylcholine alkyl chain length. Head group effects were investigated by studies employing **phosphatidyl** -choline, -serine, and -ethanolamine, and inhibition was shown to be independent of head group. Closer modelling of the lung environment by co-culturing NR8383 on A549 alveolar epithelium showed type II secretions to also down-regulate phagocytosis. In addition, pre-incubation with microspheres coated with dipalmitoylphosphatidylcholine reduced the uptake of a second microsphere (fluorescein isothiocyanate-labelled latex).

CT Check Tags: Male
Administration, Inhalation
Animals
Lung: CY, cytology
*Macrophages, Alveolar: PH, physiology
Microspheres
Phagocytosis
***Phospholipids: PD, pharmacology**
*Polyglactin 910: PK, pharmacokinetics
*Pulmonary Surfactants: PD, pharmacology
Rats
Rats, Sprague-Dawley
RN 34346-01-5 (Polyglactin 910)
CN 0 (**Phospholipids**); 0 (Pulmonary Surfactants)

L3 ANSWER 3 OF 4 MEDLINE on STN
 AN 88054564 MEDLINE
 DN PubMed ID: 3678042
 TI Effect of chronic acetaldehyde intoxication on ethanol tolerance and membrane fatty acids.
 AU Latge C; Lamboeuf Y; Roumec C; de Saint Blanquat G
 CS Unite de Recherche en Toxicologie Alimentaire, I.N.S.E.R.M. U-87, Universite Paul Sabatier, Toulouse, France.
 SO Drug and alcohol dependence, (1987 Sep) 20 (1) 47-55.
 Journal code: 7513587. ISSN: 0376-8716.
 CY Switzerland
 DT Journal; Article; (JOURNAL ARTICLE)
 LA English
 FS Priority Journals
 EM 198712
 ED Entered STN: 19900305
 Last Updated on STN: 19980206
 Entered Medline: 19871221
 AB Recent studies have suggested that acetaldehyde participates directly in the pathogenesis of alcoholism. Its action has been attributed mainly to its physico-chemical properties. Results of direct intoxication of laboratory animals with acetaldehyde have been reported, but only for short periods of exposure and at high doses. These are probably not representative of the conditions found during alcohol intoxication. The pulmonary route of administration described here enables long term intoxication with acetaldehyde, at levels corresponding to values measured during chronic ethanol intoxication. Chronic administration of acetaldehyde during 3 weeks induced a metabolic tolerance to ethanol as tested by the sleeping time after a challenge dose of ethanol; behavioural tolerance (measured by blood alcohol levels on waking) was not observed. At the end of the intoxication, **phospholipid** fatty acids of erythrocyte and synaptosome membranes were also analysed. Small changes in levels of the shorter fatty acids were observed in the **phosphatidyl**-choline fraction. By comparison with the effects of ethanol on the same membrane preparations, only a small part of this effect can be attributed to acetaldehyde. The first metabolite of ethanol has, however, a sure effect on the pattern of fatty acid **phospholipids**.
 CT Check Tags: Male; Support, Non-U.S. Gov't
 Acetaldehyde: BL, blood
 *Acetaldehyde: TO, toxicity
 Administration, Inhalation
 Animals
 Drug Tolerance
 Erythrocytes: AN, analysis
 Erythrocytes: DE, drug effects
 Ethanol: BL, blood
 Ethanol: ME, metabolism
 *Ethanol: PD, pharmacology
 *Fatty Acids: AN, analysis
 *Membrane Lipids: AN, analysis
 Rats
 Rats, Inbred Strains
 Synaptosomes: AN, analysis
 Synaptosomes: DE, drug effects
 RN 64-17-5 (Ethanol); 75-07-0 (Acetaldehyde)
 CN 0 (Fatty Acids); 0 (Membrane Lipids)